

Title (en)

SUBMARINE AND METHOD FOR OPENING A HATCH OF A SUBMARINE BOUNDED BY A SHAFT

Title (de)

U-BOOT UND VERFAHREN ZUM ÖFFNEN EINER DURCH EINEN SCHACHT BEGRENZTEN LUKE EINES U-BOOTS

Title (fr)

SOUS-MARIN ET PROCÉDÉ D'OUVERTURE D'UNE ÉCOUTILLE D'UN SOUS-MARIN, LIMITÉE PAR UN PUITS

Publication

**EP 3160837 A1 20170503 (DE)**

Application

**EP 15733658 A 20150622**

Priority

- DE 102014109089 A 20140627
- EP 2015063900 W 20150622

Abstract (en)

[origin: WO2015197506A1] The present invention relates to a submarine, comprising a hatch bounded by a shaft, wherein the hatch is closed by means of an insertion rib and a wedge in a closure state, wherein the insertion rib and the wedge can be removed from the shaft separately in order to open the hatch.

IPC 8 full level

**B63G 8/00** (2006.01)

CPC (source: EP KR)

**B63G 8/00** (2013.01 - EP KR)

Citation (search report)

See references of WO 2015197506A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102014109089 A1 20151231**; EP 3160837 A1 20170503; EP 3160837 B1 20180926; ES 2701097 T3 20190220; KR 102022759 B1 20190918; KR 20170023853 A 20170306; WO 2015197506 A1 20151230

DOCDB simple family (application)

**DE 102014109089 A 20140627**; EP 15733658 A 20150622; EP 2015063900 W 20150622; ES 15733658 T 20150622; KR 20167036211 A 20150622